

ABSTRACT OF THE DISCLOSURE

A valve seal structure enabling the replacement of a metal seal ring, comprising a main body, a metal seat ring prepared separately from the main body to seal a flow channel of the main body, a set ring assembling the metal ring seat to the main body at the periphery of the flow channel in a detachable manner, a first elastomeric ring sheet to seal the boundary between the metal seal ring and the main body and a second ring sheet to seal the boundary between the metal seat ring and the set ring.